(19) World Intellectual Property Organization International Bureau

(ZIPO)

(43) International Publication Date 14 July 2005 (14.07.2005)

PCT

(10) International Publication Number WO 2005/064031 A1

(51) International Patent Classification7:

C22C 38/40

(21) International Application Number:

PCT/SF2004/002017

(22) International Filing Date:

15 December 2004 (15.12.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

0303608-4

30 December 2003 (30.12.2003) SE

(71) Applicant (for all designated States except US): SAND-VIK AB [SE/SE]; S-811 81 Sandviken (SE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): WITT, Eva [SE/SE]; Sälggatan 7. S-811 62 Sandviken (SE). GÖRANSSON, Kenneth [SE/SE]; S kansligatan 28. 6 tr, S-802 52 Gävle (SE). ROSBERG, Andreas [SE/SE]; Vikingavägen 32, S-811 60 Sandviken (SE). (74) Agent: MELIN, Linda; Sandvik AB, Group Staff Intellectual Property, S-811-81 Sandviken (SE).

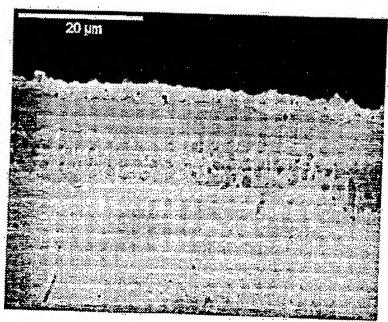
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, IR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, Cl, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international scarch report

[Continued on next page]

(54) Title: METHOD FOR THE MANUFACTURE OF AN AUSTENITIC PRODUCT AS WELL AS THE USE THEREOF



(57) Abstract: The present invention relates to a method to produce an austenitic alloy by an austenitic stainless substrate alloy of low AI content being coated with an alloy of higher AI content at a temperature between 100 °C and 600 °C, so that the resulting product has an AI content of 4,5-12 % by weight.

2005/064031 A1